

# Idaho National Laboratory (Idaho Falls, ID) Safety Basis Report

Total Facilities: 27

Facility	Hazard Category	Safety Basis Type	Approval Status	Date Approved
Advanced Test Reactor (ATR)	HC1	DSA	AUR	04/19/1996
Advanced Test Reactor Critical (ATRC) Facility	HC2	DSA	AUR	10/28/2002
Analytical Lab	HC3	DSA	AUR	09/03/2004
ATR Cask (PLN-936)	HC2	DSA	AUR	05/23/2003
Fuel Conditioning Facility (FCF)	HC2	DSA	AUR	07/01/1991
Fuel Manufacturing Facility (FMF)	HC2	DSA	AUR	08/24/2009
Hot Fuel Examination Facility (HFEF)	HC2	DSA	AUR	11/07/2002
INL Standardized Safety Analysis	HC2	DSA	AUR	11/06/2006
INL Transportation Safety Document	HC2	DSA	AUR	10/14/2011
Irradiated Materials Characterization Laboratory (IMCL)	HC2	DSA	AUR	10/07/2013
Material Security and Consolidation Facility (CPP-651)	HC2	DSA	AUR	09/21/2005
MFC Inter-Facility Transfers	HC2	DSA	AUR	01/08/2007
Neutron Radiographic Reactor (NRAD) Facility	HC2	DSA	AUR	12/12/2002
Nuclear Materials Inspection and Storage (NMIS) Facility	HC2	DSA	AUR	12/20/2002
Radioactive Scrap and Waste Facility (RSWF)	HC2	DSA	AUR	04/17/2009
Remote-Handled Low Level Waste Facility (RHLLW)	HC2	PDSA	AUR	10/05/2015
Space and Security Power Systems Facility (SSPSF)	HC2	DSA	AUR	12/01/2010
Transfer of EBR-II Driver Fuel Between INTEC and MFC	HC2	DSA	AUR	08/08/2011
Transient Reactor Test Facility (TREAT)	HC2	DSA	AUR	03/16/1989
Transport Plan for Irradiated Experiments between ATR and HFEF (PLN-4609)	HC3	DSA	AUR	05/27/2014
Transport Plan for Materials between MFC and AMWTP (PLN-3243)	HC2	DSA	AUR	04/15/2010
Transport Plan for Materials between MFC and ATR (PLN-3055)	HC2	DSA	AUR	06/29/2009
Transport Plan for SFTP between MFC and INTEC (PLN-4517)	HC2	DSA	AUR	05/06/2014
Transport Plan for the Transfer of Irradiated Experiments in the GE-100 Cask (PLN-4766)	HC3	DSA	AUR	07/23/2015
Transport Plan for the Transfer of the 55-Gallon RH-TRU Outpack Cask (PLN-4949)	TBD	DSA	AUR	05/09/2016
Transport Plan for the Transfer of the BRR Cask (PLN-4518)	HC2	DSA	AUR	07/01/2015
Zero Power Physics Reactor (ZPPR)	HC2	DSA	UMR	01/27/2005

Safety Basis Report current as of Dec 16, 2016

Program Office

Office of Nuclear Energy

Safety Basis Type

BIO – Basis for Interim Operation

DSA – Documented Safety Analysis

PDSA – Preliminary Documented Safety Analysis

Hazard Category

HC1 – Hazard Category 1 (a nuclear facility with the potential for significant off-site consequences)

HC2 – Hazard Category 2 (a nuclear facility with the potential for significant on-site consequences)

HC3 – Hazard Category 3 (a nuclear facility with the potential for only significant localized consequences)

HCR – Hazard Category Radiological (a radiological facility only)

Approval Status

AUR – Approved Under the Rule (10 CFR 830 – Nuclear Safety Management)

E – Temporary Exemption Granted

SBPA – Operating Safety Basis Pending Approval

UD – Under Development

UMR – Operating Safety Basis Pending Update to Meet the Rule